

January 11, 2010

Doug Morell  
Golder Associates, Inc.  
18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

RE: Avery Landing

Enclosed are the results of analyses for samples received by the laboratory on 08/29/09 09:05.  
The following list is a summary of the Work Orders contained in this report, generated on 01/11/10 11:25.

If you have any questions concerning this report, please feel free to contact me.

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
SSH0166	Avery Landing	073-93312-03

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G-BH1-Surf-082809	SSH0166-01	Soil	08/28/09 11:35	08/29/09 09:05
G-BH1-7.5-082809	SSH0166-02	Soil	08/28/09 12:10	08/29/09 09:05
G-BH1-16-082809	SSH0166-03	Soil	08/28/09 12:30	08/29/09 09:05
G-BH2-7.5-082809	SSH0166-04	Soil	08/28/09 09:50	08/29/09 09:05
G-BH2-Surf-082809	SSH0166-05	Soil	08/28/09 09:15	08/29/09 09:05
G-BH2-15-082809	SSH0166-06	Soil	08/28/09 10:10	08/29/09 09:05
G-BH3-Surf-082709	SSH0166-07	Soil	08/27/09 16:10	08/29/09 09:05
G-BH3-7.5-082709	SSH0166-08	Soil	08/27/09 16:45	08/29/09 09:05
G-BH3-15-082709	SSH0166-09	Soil	08/27/09 17:15	08/29/09 09:05
G-BH4-Surf-082709	SSH0166-10	Soil	08/27/09 09:50	08/29/09 09:05
G-BH4-7.5-082709	SSH0166-11	Soil	08/27/09 10:20	08/29/09 09:05
G-BH4-15-082709	SSH0166-12	Soil	08/27/09 10:15	08/29/09 09:05
G-BH5-Surf-082709	SSH0166-13	Soil	08/27/09 12:40	08/29/09 09:05
G-BH5-7.5-082709	SSH0166-14	Soil	08/27/09 13:20	08/29/09 09:05
G-BH5-15-082709	SSH0166-15	Soil	08/27/09 13:45	08/29/09 09:05

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01/11/10 11:25

**Analytical Case Narrative**

TestAmerica - Spokane, WA

**SSH0166**

The original NWTPH-Dx result reported for sample SSH0166-06 was ND. The 8270 PAH results for the same sample indicated the sample should have hydrocarbons present. The extracts for this sample were examined from the NWTPH-Dx, 8270 and 8082 analyses. Both the 8270 and 8082 extracts were black indicating the presence of hydrocarbons while the Dx extract remained clear. As a result of this discrepancy, sample SSH0166-06 was re-extracted and is being reported as sample SSH0166-06RE1. This amended report replaces the final report generated on 09/18/09 at 3:17pm.

TestAmerica Spokane



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01/11/10 11:25

## Semivolatile Petroleum Products by NWTPH-Dx

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
SSH0166-01 (G-BH1-Surf-082809)		Soil		Sampled: 08/28/09 11:35							
Diesel Range Hydrocarbons	NWTPH-Dx	37.8	----	10.3	mg/kg dry	1x	9090006	09/01/09 13:16	09/11/09 20:23		
Heavy Oil Range Hydrocarbons	"	349	----	25.7	"	"	"	"	"		
Surrogate(s): 2-FBP		90.4%		50 - 150 %		"		"			
p-Terphenyl-d14		103%		50 - 150 %		"		"			
SSH0166-02 (G-BH1-7.5-082809)		Soil		Sampled: 08/28/09 12:10							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	113	mg/kg dry	10x	9090006	09/01/09 13:16	09/11/09 20:46		
Heavy Oil Range Hydrocarbons	"	201	----	170	"	"	"	"	"		
Surrogate(s): 2-FBP		104%		50 - 150 %		"		"			
p-Terphenyl-d14		123%		50 - 150 %		"		"			
SSH0166-03 (G-BH1-16-082809)		Soil		Sampled: 08/28/09 12:30							
Diesel Range Hydrocarbons	NWTPH-Dx	262	----	14.6	mg/kg dry	1x	9090006	09/01/09 13:16	09/11/09 21:10		
Heavy Oil Range Hydrocarbons	"	96.4	----	36.5	"	"	"	"	"		
Surrogate(s): 2-FBP		114%		50 - 150 %		"		"			
p-Terphenyl-d14		110%		50 - 150 %		"		"			
SSH0166-04 (G-BH2-7.5-082809)		Soil		Sampled: 08/28/09 09:50							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	11.5	mg/kg dry	1x	9090006	09/01/09 13:16	09/11/09 21:33		
Heavy Oil Range Hydrocarbons	"	ND	----	28.8	"	"	"	"	"		
Surrogate(s): 2-FBP		90.8%		50 - 150 %		"		"			
p-Terphenyl-d14		113%		50 - 150 %		"		"			
SSH0166-05 (G-BH2-Surf-082809)		Soil		Sampled: 08/28/09 09:15							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	11.0	mg/kg dry	1x	9090006	09/01/09 13:16	09/11/09 21:57		
Heavy Oil Range Hydrocarbons	"	60.1	----	27.4	"	"	"	"	"		
Surrogate(s): 2-FBP		97.9%		50 - 150 %		"		"			
p-Terphenyl-d14		114%		50 - 150 %		"		"			
SSH0166-06RE1 (G-BH2-15-082809)		Soil		Sampled: 08/28/09 10:10							N
Diesel Range Hydrocarbons	NWTPH-Dx	20.7	----	13.7	mg/kg dry	1x	9090170	09/01/09 13:16	09/28/09 11:52		
Heavy Oil Range Hydrocarbons	"	50.7	----	34.2	"	"	"	"	"		
Surrogate(s): 2-FBP		88.0%		50 - 150 %		"		"			
p-Terphenyl-d14		129%		50 - 150 %		"		"			

N1

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Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

## Semivolatile Petroleum Products by NWTPH-Dx

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-07 (G-BH3-Surf-082709)		Soil		Sampled: 08/27/09 16:10						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	21.2	mg/kg dry	1x	9090006	09/01/09 13:16	09/11/09 22:44	
Heavy Oil Range Hydrocarbons	"	91.1	----	53.0	"	"	"	"	"	
Surrogate(s):	2-FBP	97.0%		50 - 150 %		"		"		
	p-Terphenyl-d14	116%		50 - 150 %		"		"		
SSH0166-08 (G-BH3-7.5-082709)		Soil		Sampled: 08/27/09 16:45						
Diesel Range Hydrocarbons	NWTPH-Dx	12.2	----	11.2	mg/kg dry	1x	9090006	09/01/09 13:16	09/11/09 23:07	
Heavy Oil Range Hydrocarbons	"	37.5	----	28.0	"	"	"	"	"	
Surrogate(s):	2-FBP	97.9%		50 - 150 %		"		"		
	p-Terphenyl-d14	119%		50 - 150 %		"		"		
SSH0166-09 (G-BH3-15-082709)		Soil		Sampled: 08/27/09 17:15						
Diesel Range Hydrocarbons	NWTPH-Dx	601	----	26.0	mg/kg dry	1x	9090006	09/01/09 13:16	09/12/09 00:17	
Heavy Oil Range Hydrocarbons	"	345	----	64.9	"	"	"	"	"	
Surrogate(s):	2-FBP	113%		50 - 150 %		"		"		
	p-Terphenyl-d14	116%		50 - 150 %		"		"		
SSH0166-10 (G-BH4-Surf-082709)		Soil		Sampled: 08/27/09 09:50						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	21.4	mg/kg dry	1x	9090006	09/01/09 13:16	09/12/09 00:41	
Heavy Oil Range Hydrocarbons	"	68.6	----	53.6	"	"	"	"	"	
Surrogate(s):	2-FBP	95.3%		50 - 150 %		"		"		
	p-Terphenyl-d14	117%		50 - 150 %		"		"		
SSH0166-11 (G-BH4-7.5-082709)		Soil		Sampled: 08/27/09 10:20						
Diesel Range Hydrocarbons	NWTPH-Dx	2380	----	108	mg/kg dry	5x	9090006	09/01/09 13:16	09/12/09 01:04	
Heavy Oil Range Hydrocarbons	"	1360	----	270	"	"	"	"	"	
Surrogate(s):	2-FBP	108%		50 - 150 %		"		"		
	p-Terphenyl-d14	64.2%		50 - 150 %		"		"		
SSH0166-12 (G-BH4-15-082709)		Soil		Sampled: 08/27/09 10:15						
Diesel Range Hydrocarbons	NWTPH-Dx	19.2	----	12.5	mg/kg dry	1x	9090006	09/01/09 13:16	09/12/09 01:28	
Heavy Oil Range Hydrocarbons	"	ND	----	31.3	"	"	"	"	"	
Surrogate(s):	2-FBP	98.7%		50 - 150 %		"		"		
	p-Terphenyl-d14	119%		50 - 150 %		"		"		

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01/11/10 11:25

**Semivolatile Petroleum Products by NWTPH-Dx**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-13 (G-BH5-Surf-082709)		Soil		Sampled: 08/27/09 12:40						
Diesel Range Hydrocarbons	NWTPH-Dx	30.1	----	21.4	mg/kg dry	1x	9090006	09/01/09 13:16	09/12/09 01:51	
Heavy Oil Range Hydrocarbons	"	201	----	53.5	"	"	"	"	"	
Surrogate(s): 2-FBP		89.0%		50 - 150 %		"		"		
p-Terphenyl-d14		106%		50 - 150 %		"		"		
SSH0166-14 (G-BH5-7.5-082709)		Soil		Sampled: 08/27/09 13:20						
Diesel Range Hydrocarbons	NWTPH-Dx	1060	----	45.4	mg/kg dry	2x	9090006	09/01/09 13:16	09/12/09 02:15	
Heavy Oil Range Hydrocarbons	"	703	----	113	"	"	"	"	"	
Surrogate(s): 2-FBP		117%		50 - 150 %		"		"		
p-Terphenyl-d14		107%		50 - 150 %		"		"		
SSH0166-15 (G-BH5-15-082709)		Soil		Sampled: 08/27/09 13:45						
Diesel Range Hydrocarbons	NWTPH-Dx	109	----	12.2	mg/kg dry	1x	9090006	09/01/09 13:16	09/12/09 02:38	
Heavy Oil Range Hydrocarbons	"	170	----	30.5	"	"	"	"	"	
Surrogate(s): 2-FBP		90.6%		50 - 150 %		"		"		
p-Terphenyl-d14		102%		50 - 150 %		"		"		

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Project Manager: Doug Morell

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01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-01	(G-BH1-Surf-082809)	Soil	Sampled: 08/28/09 11:35							
PCB-1016	EPA 8082	ND	----	9.87	ug/kg dry	1x	9090048	09/09/09 09:20	09/11/09 21:58	
PCB-1221	"	ND	----	9.87	"	"	"	"	09/11/09 21:36	
PCB-1232	"	ND	----	9.87	"	"	"	"	"	
PCB-1242	"	ND	----	9.87	"	"	"	"	"	
PCB-1248	"	ND	----	9.87	"	"	"	"	"	
PCB-1254	"	ND	----	9.87	"	"	"	"	"	
PCB-1260	"	ND	----	9.87	"	"	"	"	09/11/09 21:58	
Surrogate(s):	TCX	65.3%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	57.2%		35 - 157 %		"		"		
SSH0166-02	(G-BH1-7.5-082809)	Soil	Sampled: 08/28/09 12:10							
PCB-1016	EPA 8082	ND	----	9.95	ug/kg dry	1x	9090048	09/09/09 09:20	09/11/09 22:21	
PCB-1221	"	ND	----	9.95	"	"	"	"	09/11/09 21:58	
PCB-1232	"	ND	----	9.95	"	"	"	"	"	
PCB-1242	"	ND	----	9.95	"	"	"	"	"	
PCB-1248	"	ND	----	9.95	"	"	"	"	"	
PCB-1254	"	ND	----	9.95	"	"	"	"	"	
PCB-1260	"	ND	----	9.95	"	"	"	"	09/11/09 22:21	
Surrogate(s):	TCX	96.1%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	93.6%		35 - 157 %		"		"		
SSH0166-03	(G-BH1-16-082809)	Soil	Sampled: 08/28/09 12:30							
PCB-1016	EPA 8082	ND	----	9.93	ug/kg dry	1x	9090048	09/09/09 09:20	09/11/09 22:44	
PCB-1221	"	ND	----	9.93	"	"	"	"	09/11/09 22:21	
PCB-1232	"	ND	----	9.93	"	"	"	"	"	
PCB-1242	"	ND	----	9.93	"	"	"	"	"	
PCB-1248	"	ND	----	9.93	"	"	"	"	"	
PCB-1254	"	ND	----	9.93	"	"	"	"	"	
PCB-1260	"	ND	----	9.93	"	"	"	"	09/11/09 22:44	
Surrogate(s):	TCX	74.5%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	76.8%		35 - 157 %		"		"		

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Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-04	(G-BH2-7.5-082809)	Soil	Sampled: 08/28/09 09:50							
PCB-1016	EPA 8082	ND	----	9.68	ug/kg dry	1x	9090048	09/09/09 09:20	09/11/09 23:06	
PCB-1221	"	ND	----	9.68	"	"	"	"	09/11/09 22:44	
PCB-1232	"	ND	----	9.68	"	"	"	"	"	
PCB-1242	"	ND	----	9.68	"	"	"	"	"	
PCB-1248	"	ND	----	9.68	"	"	"	"	"	
PCB-1254	"	ND	----	9.68	"	"	"	"	"	
PCB-1260	"	ND	----	9.68	"	"	"	"	09/11/09 23:06	
Surrogate(s):	TCX	81.1%			27.9 - 154 %		"	"		
	Decachlorobiphenyl	78.1%			35 - 157 %		"	"		
SSH0166-05	(G-BH2-Surf-082809)	Soil	Sampled: 08/28/09 09:15							
PCB-1016	EPA 8082	ND	----	9.66	ug/kg dry	1x	9090048	09/09/09 09:20	09/11/09 23:29	
PCB-1221	"	ND	----	9.66	"	"	"	"	09/11/09 23:06	
PCB-1232	"	ND	----	9.66	"	"	"	"	"	
PCB-1242	"	ND	----	9.66	"	"	"	"	"	
PCB-1248	"	ND	----	9.66	"	"	"	"	"	
PCB-1254	"	ND	----	9.66	"	"	"	"	"	
PCB-1260	"	ND	----	9.66	"	"	"	"	09/11/09 23:29	
Surrogate(s):	TCX	96.9%			27.9 - 154 %		"	"		
	Decachlorobiphenyl	69.6%			35 - 157 %		"	"		
SSH0166-06	(G-BH2-15-082809)	Soil	Sampled: 08/28/09 10:10							
PCB-1016	EPA 8082	ND	----	9.85	ug/kg dry	1x	9090048	09/09/09 09:20	09/11/09 23:51	
PCB-1221	"	ND	----	9.85	"	"	"	"	09/11/09 23:29	
PCB-1232	"	ND	----	9.85	"	"	"	"	"	
PCB-1242	"	ND	----	9.85	"	"	"	"	"	
PCB-1248	"	ND	----	9.85	"	"	"	"	"	
PCB-1254	"	ND	----	9.85	"	"	"	"	"	
PCB-1260	"	ND	----	9.85	"	"	"	"	09/11/09 23:51	
Surrogate(s):	TCX	76.1%			27.9 - 154 %		"	"		
	Decachlorobiphenyl	39.8%			35 - 157 %		"	"		

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Report Created:

01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-07	(G-BH3-Surf-082709)	Soil	Sampled: 08/27/09 16:10							
PCB-1016	EPA 8082	ND	----	9.76	ug/kg dry	1x	9090048	09/09/09 09:20	09/14/09 23:29	
PCB-1221	"	ND	----	9.76	"	"	"	"	09/14/09 23:06	
PCB-1232	"	ND	----	9.76	"	"	"	"	"	
PCB-1242	"	ND	----	9.76	"	"	"	"	"	
PCB-1248	"	ND	----	9.76	"	"	"	"	"	
PCB-1254	"	ND	----	9.76	"	"	"	"	"	
PCB-1260	"	ND	----	9.76	"	"	"	"	09/14/09 23:29	
Surrogate(s):	TCX	67.6%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	61.2%		35 - 157 %		"		"		
SSH0166-08	(G-BH3-7.5-082709)	Soil	Sampled: 08/27/09 16:45							
PCB-1016	EPA 8082	ND	----	9.84	ug/kg dry	1x	9090048	09/09/09 09:20	09/14/09 23:52	
PCB-1221	"	ND	----	9.84	"	"	"	"	09/14/09 23:29	
PCB-1232	"	ND	----	9.84	"	"	"	"	"	
PCB-1242	"	ND	----	9.84	"	"	"	"	"	
PCB-1248	"	ND	----	9.84	"	"	"	"	"	
PCB-1254	"	ND	----	9.84	"	"	"	"	"	
PCB-1260	"	ND	----	9.84	"	"	"	"	09/14/09 23:52	
Surrogate(s):	TCX	73.7%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	63.9%		35 - 157 %		"		"		
SSH0166-09	(G-BH3-15-082709)	Soil	Sampled: 08/27/09 17:15							
PCB-1016	EPA 8082	ND	----	9.87	ug/kg dry	1x	9090048	09/09/09 09:20	09/15/09 00:14	
PCB-1221	"	ND	----	9.87	"	"	"	"	09/14/09 23:52	
PCB-1232	"	ND	----	9.87	"	"	"	"	"	
PCB-1242	"	ND	----	9.87	"	"	"	"	"	
PCB-1248	"	ND	----	9.87	"	"	"	"	"	
PCB-1254	"	ND	----	9.87	"	"	"	"	"	
PCB-1260	"	ND	----	9.87	"	"	"	"	09/15/09 00:14	
Surrogate(s):	TCX	70.9%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	67.9%		35 - 157 %		"		"		

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Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-10	(G-BH4-Surf-082709)	Soil	Sampled: 08/27/09 09:50							
PCB-1016	EPA 8082	ND	----	9.86	ug/kg dry	1x	9090048	09/09/09 09:20	09/15/09 00:37	
PCB-1221	"	ND	----	9.86	"	"	"	"	09/15/09 00:14	
PCB-1232	"	ND	----	9.86	"	"	"	"	"	
PCB-1242	"	ND	----	9.86	"	"	"	"	"	
PCB-1248	"	ND	----	9.86	"	"	"	"	"	
PCB-1254	"	ND	----	9.86	"	"	"	"	"	
PCB-1260	"	ND	----	9.86	"	"	"	"	09/15/09 00:37	
Surrogate(s):	TCX	88.5%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	65.2%		35 - 157 %		"		"		
SSH0166-11	(G-BH4-7.5-082709)	Soil	Sampled: 08/27/09 10:20							
PCB-1016	EPA 8082	ND	----	9.95	ug/kg dry	1x	9090048	09/09/09 09:20	09/17/09 07:17	
PCB-1221	"	ND	----	9.95	"	"	"	"	"	
PCB-1232	"	ND	----	9.95	"	"	"	"	"	
PCB-1242	"	ND	----	9.95	"	"	"	"	"	
PCB-1248	"	ND	----	9.95	"	"	"	"	"	
PCB-1254	"	ND	----	9.95	"	"	"	"	"	
PCB-1260	"	ND	----	9.95	"	"	"	"	"	
Surrogate(s):	TCX	102%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	21.0%		35 - 157 %		"		" Z		
SSH0166-12	(G-BH4-15-082709)	Soil	Sampled: 08/27/09 10:15							
PCB-1016	EPA 8082	ND	----	9.52	ug/kg dry	1x	9090048	09/09/09 09:20	09/15/09 00:59	
PCB-1221	"	ND	----	9.52	"	"	"	"	09/15/09 00:37	
PCB-1232	"	ND	----	9.52	"	"	"	"	"	
PCB-1242	"	ND	----	9.52	"	"	"	"	"	
PCB-1248	"	ND	----	9.52	"	"	"	"	"	
PCB-1254	"	ND	----	9.52	"	"	"	"	"	
PCB-1260	"	ND	----	9.52	"	"	"	"	09/15/09 00:59	
Surrogate(s):	TCX	32.5%		27.9 - 154 %		"		"		
	Decachlorobiphenyl	34.8%		35 - 157 %		"		" Z		

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-13	(G-BH5-Surf-082709)	Soil		Sampled: 08/27/09 12:40						
PCB-1016	EPA 8082	ND	----	9.85	ug/kg dry	1x	9090048	09/09/09 09:20	09/15/09 01:22	
PCB-1221	"	ND	----	9.85	"	"	"	"	09/15/09 00:59	
PCB-1232	"	ND	----	9.85	"	"	"	"	"	
PCB-1242	"	ND	----	9.85	"	"	"	"	"	
PCB-1248	"	ND	----	9.85	"	"	"	"	"	
PCB-1254	"	ND	----	9.85	"	"	"	"	"	
PCB-1260	"	ND	----	9.85	"	"	"	"	09/15/09 01:22	
Surrogate(s): TCX		85.0%		27.9 - 154 %		"		"		
Decachlorobiphenyl		58.8%		35 - 157 %		"		"		
SSH0166-14	(G-BH5-7.5-082709)	Soil		Sampled: 08/27/09 13:20						
PCB-1016	EPA 8082	ND	----	9.98	ug/kg dry	1x	9090048	09/09/09 09:20	09/17/09 07:40	
PCB-1221	"	ND	----	9.98	"	"	"	"	"	
PCB-1232	"	ND	----	9.98	"	"	"	"	"	
PCB-1242	"	ND	----	9.98	"	"	"	"	"	
PCB-1248	"	ND	----	9.98	"	"	"	"	"	
PCB-1254	"	ND	----	9.98	"	"	"	"	"	
PCB-1260	"	ND	----	9.98	"	"	"	"	"	
Surrogate(s): TCX		60.3%		27.9 - 154 %		"		"		
Decachlorobiphenyl		23.0%		35 - 157 %		"		" Z		
SSH0166-15	(G-BH5-15-082709)	Soil		Sampled: 08/27/09 13:45						
PCB-1016	EPA 8082	ND	----	9.74	ug/kg dry	1x	9090048	09/09/09 09:20	09/15/09 02:30	
PCB-1221	"	ND	----	9.74	"	"	"	"	09/15/09 01:22	
PCB-1232	"	ND	----	9.74	"	"	"	"	"	
PCB-1242	"	ND	----	9.74	"	"	"	"	"	
PCB-1248	"	ND	----	9.74	"	"	"	"	"	
PCB-1254	"	ND	----	9.74	"	"	"	"	"	
PCB-1260	"	ND	----	9.74	"	"	"	"	09/15/09 02:30	
Surrogate(s): TCX		61.3%		27.9 - 154 %		"		09/15/09 01:45		
Decachlorobiphenyl		49.2%		35 - 157 %		"		"		

TestAmerica Spokane



Randee Decker, Project Manager

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18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-01 (G-BH1-Surf-082809)</b>		<b>Soil</b>		<b>Sampled: 08/28/09 11:35</b>						
1-Methylnaphthalene	EPA 8270 mod.	ND	0.000685	0.00480	mg/kg dry	1x	9080204	08/31/09 13:00	08/31/09 19:34	
2-Methylnaphthalene	"	ND	0.000685	0.00480	"	"	"	"	"	
Acenaphthene	"	ND	0.000685	0.00480	"	"	"	"	"	
Acenaphthylene	"	ND	0.000685	0.00480	"	"	"	"	"	
Anthracene	"	ND	0.000685	0.00480	"	"	"	"	"	
Benzo (a) anthracene	"	ND	0.000685	0.00480	"	"	"	"	"	
Benzo (a) pyrene	"	ND	0.000685	0.00480	"	"	"	"	"	
<b>Benzo (b) fluoranthene</b>	"	<b>0.00183</b>	0.00137	0.00480	"	"	"	"	"	<b>J</b>
Benzo (ghi) perylene	"	ND	0.00206	0.00480	"	"	"	"	"	
<b>Benzo (k) fluoranthene</b>	"	<b>0.00183</b>	0.000685	0.00480	"	"	"	"	"	<b>J</b>
Chrysene	"	ND	0.000685	0.00480	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00137	0.00480	"	"	"	"	"	
Fluoranthene	"	ND	0.000685	0.00480	"	"	"	"	"	
Fluorene	"	ND	0.000685	0.00480	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00206	0.00480	"	"	"	"	"	
Naphthalene	"	ND	0.00137	0.00480	"	"	"	"	"	
Phenanthrene	"	ND	0.000685	0.00480	"	"	"	"	"	
Pyrene	"	ND	0.000685	0.00480	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		69.8%			38.8 - 139 %	"			"	
2-FBP		66.6%			40 - 132 %	"			"	
p-Terphenyl-d14		99.6%			31.7 - 179 %	"			"	

**SSH0166-02 (G-BH1-7.5-082809)**


**Soil**

**Sampled: 08/28/09 12:10**

1-Methylnaphthalene	EPA 8270 mod.	ND	0.000754	0.00452	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 08:11	
2-Methylnaphthalene	"	ND	0.000754	0.00452	"	"	"	"	"	
Acenaphthene	"	ND	0.000754	0.00452	"	"	"	"	"	
Acenaphthylene	"	ND	0.000754	0.00452	"	"	"	"	"	
Anthracene	"	ND	0.000754	0.00452	"	"	"	"	"	
Benzo (a) anthracene	"	ND	0.000754	0.00452	"	"	"	"	"	
Benzo (a) pyrene	"	ND	0.000754	0.00452	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00151	0.00452	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	0.00226	0.00452	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.000754	0.00452	"	"	"	"	"	
Chrysene	"	ND	0.000754	0.00452	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00151	0.00452	"	"	"	"	"	
Fluoranthene	"	ND	0.000754	0.00452	"	"	"	"	"	
Fluorene	"	ND	0.000754	0.00452	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00226	0.00452	"	"	"	"	"	

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-02 (G-BH1-7.5-082809)</b>		<b>Soil</b>					<b>Sampled: 08/28/09 12:10</b>			
Naphthalene	EPA 8270 mod.	ND	0.00151	0.00452	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 08:11	
Phenanthrene	"	ND	0.000754	0.00452	"	"	"	"	"	
Pyrene	"	ND	0.000754	0.00452	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		74.6%			38.8 - 139 %	"			"	
2-FBP		63.6%			40 - 132 %	"			"	
p-Terphenyl-d14		120%			31.7 - 179 %	"			"	
<b>SSH0166-03 (G-BH1-16-082809)</b>		<b>Soil</b>					<b>Sampled: 08/28/09 12:30</b>			
<b>1-Methylnaphthalene</b>	EPA 8270 mod.	<b>0.0279</b>	0.000973	0.00487	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 08:32	
<b>2-Methylnaphthalene</b>	"	<b>0.00779</b>	0.000973	0.00487	"	"	"	"	"	
<b>Acenaphthene</b>	"	<b>0.00584</b>	0.000973	0.00487	"	"	"	"	"	
Acenaphthylene	"	ND	0.000973	0.00487	"	"	"	"	"	
Anthracene	"	ND	0.000973	0.00487	"	"	"	"	"	
Benzo (a) anthracene	"	ND	0.000973	0.00487	"	"	"	"	"	
Benzo (a) pyrene	"	ND	0.000973	0.00487	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00195	0.00487	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	0.00292	0.00487	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.000973	0.00487	"	"	"	"	"	
Chrysene	"	ND	0.000973	0.00487	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00195	0.00487	"	"	"	"	"	
Fluoranthene	"	ND	0.000973	0.00487	"	"	"	"	"	
Fluorene	"	ND	0.000973	0.00487	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00292	0.00487	"	"	"	"	"	
<b>Naphthalene</b>	"	<b>0.00908</b>	0.00195	0.00487	"	"	"	"	"	
Phenanthrene	"	ND	0.000973	0.00487	"	"	"	"	"	
Pyrene	"	ND	0.000973	0.00487	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		52.0%			38.8 - 139 %	"			"	
2-FBP		49.8%			40 - 132 %	"			"	
p-Terphenyl-d14		65.4%			31.7 - 179 %	"			"	

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-04 (G-BH2-7.5-082809)</b>		<b>Soil</b>		<b>Sampled: 08/28/09 09:50</b>						
1-Methylnaphthalene	EPA 8270 mod.	<b>0.00973</b>	0.000768	0.00461	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 09:15	
2-Methylnaphthalene	"	<b>0.0159</b>	0.000768	0.00461	"	"	"	"	"	
Acenaphthene	"	ND	0.000768	0.00461	"	"	"	"	"	
Acenaphthylene	"	ND	0.000768	0.00461	"	"	"	"	"	
Anthracene	"	<b>0.00307</b>	0.000768	0.00461	"	"	"	"	"	J
Benzo (a) anthracene	"	<b>0.00461</b>	0.000768	0.00461	"	"	"	"	"	
Benzo (a) pyrene	"	<b>0.00512</b>	0.000768	0.00461	"	"	"	"	"	
Benzo (b) fluoranthene	"	<b>0.0138</b>	0.00154	0.00461	"	"	"	"	"	
Benzo (ghi) perylene	"	<b>0.00563</b>	0.00230	0.00461	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.000768	0.00461	"	"	"	"	"	
Chrysene	"	<b>0.0102</b>	0.000768	0.00461	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00154	0.00461	"	"	"	"	"	
Fluoranthene	"	<b>0.00922</b>	0.000768	0.00461	"	"	"	"	"	
Fluorene	"	<b>0.00256</b>	0.000768	0.00461	"	"	"	"	"	J
Indeno (1,2,3-cd) pyrene	"	<b>0.00410</b>	0.00230	0.00461	"	"	"	"	"	J
Naphthalene	"	<b>0.00768</b>	0.00154	0.00461	"	"	"	"	"	
Phenanthrene	"	<b>0.00973</b>	0.000768	0.00461	"	"	"	"	"	
Pyrene	"	<b>0.0164</b>	0.000768	0.00461	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		59.8%			38.8 - 139 %	"			"	
2-FBP		65.2%			40 - 132 %	"			"	
p-Terphenyl-d14		85.0%			31.7 - 179 %	"			"	

**SSH0166-05 (G-BH2-Surf-082809)**

**Soil**

**Sampled: 08/28/09 09:15**

1-Methylnaphthalene	EPA 8270 mod.	ND	0.000732	0.00476	mg/kg dry	1x	9080204	08/31/09 13:00	09/15/09 18:31	
2-Methylnaphthalene	"	ND	0.000732	0.00476	"	"	"	"	"	
Acenaphthene	"	ND	0.000732	0.00476	"	"	"	"	"	
Acenaphthylene	"	ND	0.000732	0.00476	"	"	"	"	"	
Anthracene	"	<b>0.00439</b>	0.000732	0.00476	"	"	"	"	"	J
Benzo (a) anthracene	"	<b>0.00585</b>	0.000732	0.00476	"	"	"	"	"	
Benzo (a) pyrene	"	<b>0.00732</b>	0.000732	0.00476	"	"	"	"	"	
Benzo (b) fluoranthene	"	<b>0.0102</b>	0.00146	0.00476	"	"	"	"	"	
Benzo (ghi) perylene	"	<b>0.0107</b>	0.00220	0.00476	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.000732	0.00476	"	"	"	"	"	
Chrysene	"	<b>0.00634</b>	0.000732	0.00476	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	<b>0.00927</b>	0.00146	0.00476	"	"	"	"	"	
Fluoranthene	"	<b>0.00439</b>	0.000732	0.00476	"	"	"	"	"	J
Fluorene	"	<b>0.00293</b>	0.000732	0.00476	"	"	"	"	"	J
Indeno (1,2,3-cd) pyrene	"	<b>0.00829</b>	0.00220	0.00476	"	"	"	"	"	
Naphthalene	"	ND	0.00146	0.00476	"	"	"	"	"	

TestAmerica Spokane

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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**SSH0166-05 (G-BH2-Surf-082809) Soil Sampled: 08/28/09 09:15**

Phenanthrene	EPA 8270 mod.	0.00439	0.000732	0.00476	mg/kg dry	1x	9080204	08/31/09 13:00	09/15/09 18:31	J
Pyrene	"	0.00781	0.000732	0.00476	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		67.4%			38.8 - 139 %	"			"	
2-FBP		63.8%			40 - 132 %	"			"	
p-Terphenyl-d14		107%			31.7 - 179 %	"			"	

**SSH0166-06 (G-BH2-15-082809) Soil Sampled: 08/28/09 10:10**

**RL3**

1-Methylnaphthalene	EPA 8270 mod.	0.811	0.00182	0.0109	mg/kg dry	2x	9080204	08/31/09 13:00	09/01/09 13:33	
2-Methylnaphthalene	"	0.570	0.00182	0.0109	"	"	"	"	"	
Acenaphthene	"	0.368	0.00182	0.0109	"	"	"	"	"	
Acenaphthylene	"	ND	0.00182	0.0109	"	"	"	"	"	
Anthracene	"	ND	0.00182	0.0109	"	"	"	"	"	
Benzo (a) anthracene	"	0.0426	0.00182	0.0109	"	"	"	"	"	
Benzo (a) pyrene	"	0.0146	0.00182	0.0109	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00365	0.0109	"	"	"	"	"	
Benzo (ghi) perylene	"	0.0243	0.00547	0.0109	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.00182	0.0109	"	"	"	"	"	
Chrysene	"	0.0839	0.00182	0.0109	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00365	0.0109	"	"	"	"	"	
Fluoranthene	"	0.0511	0.00182	0.0109	"	"	"	"	"	
Fluorene	"	0.512	0.00182	0.0109	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	0.0109	0.00547	0.0109	"	"	"	"	"	
Naphthalene	"	0.260	0.00365	0.0109	"	"	"	"	"	
Phenanthrene	"	0.786	0.00182	0.0109	"	"	"	"	"	
Pyrene	"	0.440	0.00182	0.0109	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		134%			38.8 - 139 %	"			"	
2-FBP		72.0%			40 - 132 %	"			"	
p-Terphenyl-d14		211%			31.7 - 179 %	"			"	ZX

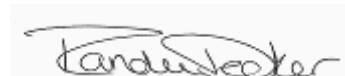
**SSH0166-07 (G-BH3-Surf-082709) Soil Sampled: 08/27/09 16:10**

**RL3**

1-Methylnaphthalene	EPA 8270 mod.	ND	0.00141	0.00848	mg/kg dry	2x	9080204	08/31/09 13:00	09/02/09 18:18	
2-Methylnaphthalene	"	ND	0.00141	0.00848	"	"	"	"	"	
Acenaphthene	"	ND	0.00141	0.00848	"	"	"	"	"	
Acenaphthylene	"	ND	0.00141	0.00848	"	"	"	"	"	
Anthracene	"	ND	0.00141	0.00848	"	"	"	"	"	
Benzo (a) anthracene	"	ND	0.00141	0.00848	"	"	"	"	"	
Benzo (a) pyrene	"	ND	0.00141	0.00848	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00283	0.00848	"	"	"	"	"	

TestAmerica Spokane

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-07 (G-BH3-Surf-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 16:10</b>						<b>RL3</b>
<b>Benzo (ghi) perylene</b>	EPA 8270 mod.	<b>0.0160</b>	0.00424	0.00848	mg/kg dry	2x	9080204	08/31/09 13:00	09/02/09 18:18	
Benzo (k) fluoranthene	"	ND	0.00141	0.00848	"	"	"	"	"	
<b>Chrysene</b>	"	<b>0.00471</b>	0.00141	0.00848	"	"	"	"	"	<b>J</b>
<b>Dibenzo (a,h) anthracene</b>	"	<b>0.00471</b>	0.00283	0.00848	"	"	"	"	"	<b>J</b>
Fluoranthene	"	ND	0.00141	0.00848	"	"	"	"	"	
Fluorene	"	ND	0.00141	0.00848	"	"	"	"	"	
<b>Indeno (1,2,3-cd) pyrene</b>	"	<b>0.00566</b>	0.00424	0.00848	"	"	"	"	"	<b>J</b>
Naphthalene	"	ND	0.00283	0.00848	"	"	"	"	"	
Phenanthrene	"	ND	0.00141	0.00848	"	"	"	"	"	
<b>Pyrene</b>	"	<b>0.00377</b>	0.00141	0.00848	"	"	"	"	"	<b>J</b>

Surrogate(s): Nitrobenzene-d5  
2-FBP  
p-Terphenyl-d14

53.6%  
53.6%  
81.6%

38.8 - 139 %  
40 - 132 %  
31.7 - 179 %

"  
"  
"

"  
"  
"

<b>SSH0166-08 (G-BH3-7.5-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 16:45</b>						
<b>1-Methylnaphthalene</b>	EPA 8270 mod.	<b>0.00547</b>	0.000746	0.00485	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 09:58	
<b>2-Methylnaphthalene</b>	"	<b>0.00795</b>	0.000746	0.00485	"	"	"	"	"	
Acenaphthene	"	ND	0.000746	0.00485	"	"	"	"	"	
Acenaphthylene	"	ND	0.000746	0.00485	"	"	"	"	"	
<b>Anthracene</b>	"	<b>0.00199</b>	0.000746	0.00485	"	"	"	"	"	<b>J</b>
<b>Benzo (a) anthracene</b>	"	<b>0.00447</b>	0.000746	0.00485	"	"	"	"	"	<b>J</b>
<b>Benzo (a) pyrene</b>	"	<b>0.00497</b>	0.000746	0.00485	"	"	"	"	"	
<b>Benzo (b) fluoranthene</b>	"	<b>0.00646</b>	0.00149	0.00485	"	"	"	"	"	
<b>Benzo (ghi) perylene</b>	"	<b>0.00597</b>	0.00224	0.00485	"	"	"	"	"	
<b>Benzo (k) fluoranthene</b>	"	<b>0.00249</b>	0.000746	0.00485	"	"	"	"	"	<b>J</b>
<b>Chrysene</b>	"	<b>0.00895</b>	0.000746	0.00485	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00149	0.00485	"	"	"	"	"	
<b>Fluoranthene</b>	"	<b>0.00994</b>	0.000746	0.00485	"	"	"	"	"	
<b>Fluorene</b>	"	<b>0.00199</b>	0.000746	0.00485	"	"	"	"	"	<b>J</b>
<b>Indeno (1,2,3-cd) pyrene</b>	"	<b>0.00298</b>	0.00224	0.00485	"	"	"	"	"	<b>J</b>
<b>Naphthalene</b>	"	<b>0.00447</b>	0.00149	0.00485	"	"	"	"	"	<b>J</b>
<b>Phenanthrene</b>	"	<b>0.0104</b>	0.000746	0.00485	"	"	"	"	"	
<b>Pyrene</b>	"	<b>0.00994</b>	0.000746	0.00485	"	"	"	"	"	

Surrogate(s): Nitrobenzene-d5  
2-FBP  
p-Terphenyl-d14

52.6%  
52.2%  
86.4%

38.8 - 139 %  
40 - 132 %  
31.7 - 179 %

"  
"  
"

"  
"  
"

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-09 (G-BH3-15-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 17:15</b>						<b>RL3</b>
1-Methylnaphthalene	EPA 8270 mod.	0.149	0.000866	0.00519	mg/kg dry	1x	9080204	08/31/09 13:00	09/15/09 17:05	
2-Methylnaphthalene	"	0.0358	0.000866	0.00519	"	"	"	"	"	
Acenaphthene	"	0.0381	0.000866	0.00519	"	"	"	"	"	A-01
Acenaphthylene	"	ND	0.000866	0.00519	"	"	"	"	"	A-01
Anthracene	"	0.108	0.000866	0.00519	"	"	"	"	"	
Benzo (a) anthracene	"	0.0306	0.000866	0.00519	"	"	"	"	"	
Benzo (a) pyrene	"	0.0139	0.000866	0.00519	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00173	0.00519	"	"	"	"	"	
Benzo (ghi) perylene	"	0.00981	0.00260	0.00519	"	"	"	"	"	
Benzo (k) fluoranthene	"	0.0208	0.000866	0.00519	"	"	"	"	"	
Chrysene	"	0.0491	0.000866	0.00519	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.00808	0.00173	0.00519	"	"	"	"	"	
Fluoranthene	"	0.0294	0.000866	0.00519	"	"	"	"	"	
Fluorene	"	0.0531	0.000866	0.00519	"	"	"	"	"	A-01
Indeno (1,2,3-cd) pyrene	"	0.00750	0.00260	0.00519	"	"	"	"	"	
Naphthalene	"	ND	0.00173	0.00519	"	"	"	"	"	
Phenanthrene	"	0.231	0.000866	0.00519	"	"	"	"	"	
Pyrene	"	0.107	0.000866	0.00519	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		83.6%			38.8 - 139 %	"			"	
2-FBP		36.0%			40 - 132 %	"			"	A-01. Z
p-Terphenyl-d14		64.2%			31.7 - 179 %	"			"	

**SSH0166-10 (G-BH4-Surf-082709)**

<b>Soil</b>		<b>Sampled: 08/27/09 09:50</b>								
1-Methylnaphthalene	EPA 8270 mod.	ND	0.000715	0.00429	mg/kg dry	1x	9080204	08/31/09 13:00	09/15/09 07:03	
2-Methylnaphthalene	"	ND	0.000715	0.00429	"	"	"	"	"	
Acenaphthene	"	ND	0.000715	0.00429	"	"	"	"	"	
Acenaphthylene	"	ND	0.000715	0.00429	"	"	"	"	"	
Anthracene	"	ND	0.000715	0.00429	"	"	"	"	"	A-01a
Benzo (a) anthracene	"	0.0114	0.000715	0.00429	"	"	"	"	"	
Benzo (a) pyrene	"	0.0129	0.000715	0.00429	"	"	"	"	"	
Benzo (b) fluoranthene	"	0.0324	0.00143	0.00429	"	"	"	"	"	
Benzo (ghi) perylene	"	0.00905	0.00214	0.00429	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.000715	0.00429	"	"	"	"	"	
Chrysene	"	0.0100	0.000715	0.00429	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.00476	0.00143	0.00429	"	"	"	"	"	
Fluoranthene	"	0.00762	0.000715	0.00429	"	"	"	"	"	A-01a
Fluorene	"	ND	0.000715	0.00429	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	0.00667	0.00214	0.00429	"	"	"	"	"	
Naphthalene	"	ND	0.00143	0.00429	"	"	"	"	"	

TestAmerica Spokane

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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**SSH0166-10 (G-BH4-Surf-082709) Soil Sampled: 08/27/09 09:50**

Phenanthrene	EPA 8270 mod.	0.00286	0.000715	0.00429	mg/kg dry	1x	9080204	08/31/09 13:00	09/15/09 07:03	A-01a, J
Pyrene	"	0.0224	0.000715	0.00429	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		60.0%			38.8 - 139 %	"			"	
2-FBP		67.2%			40 - 132 %	"			"	
p-Terphenyl-d14		110%			31.7 - 179 %	"			"	

**SSH0166-11 (G-BH4-7.5-082709) Soil Sampled: 08/27/09 10:20 RL3**


1-Methylnaphthalene	EPA 8270 mod.	1.74	0.00144	0.00865	mg/kg dry	2x	9080204	08/31/09 13:00	09/15/09 17:48	
2-Methylnaphthalene	"	1.60	0.00144	0.00865	"	"	"	"	"	
Acenaphthene	"	0.168	0.00144	0.00865	"	"	"	"	"	I
Acenaphthylene	"	ND	0.00144	0.00865	"	"	"	"	"	I
Anthracene	"	0.615	0.00144	0.00865	"	"	"	"	"	I
Benzo (a) anthracene	"	0.0778	0.00144	0.00865	"	"	"	"	"	
Benzo (a) pyrene	"	0.0413	0.00144	0.00865	"	"	"	"	"	
Benzo (b) fluoranthene	"	0.0471	0.00288	0.00865	"	"	"	"	"	
Benzo (ghi) perylene	"	0.0211	0.00432	0.00865	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.00144	0.00865	"	"	"	"	"	
Chrysene	"	0.196	0.00144	0.00865	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.00673	0.00288	0.00865	"	"	"	"	"	J
Fluoranthene	"	0.153	0.00144	0.00865	"	"	"	"	"	I
Fluorene	"	0.280	0.00144	0.00865	"	"	"	"	"	I
Indeno (1,2,3-cd) pyrene	"	0.00865	0.00432	0.00865	"	"	"	"	"	
Naphthalene	"	ND	0.00288	0.00865	"	"	"	"	"	
Phenanthrene	"	1.64	0.00144	0.00865	"	"	"	"	"	I
Pyrene	"	0.146	0.00144	0.00865	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5		236%			38.8 - 139 %	"			"	ZX
2-FBP		21.2%			40 - 132 %	"			"	I
p-Terphenyl-d14		98.4%			31.7 - 179 %	"			"	ZX

**SSH0166-12 (G-BH4-15-082709) Soil Sampled: 08/27/09 10:15**

1-Methylnaphthalene	EPA 8270 mod.	ND	0.000835	0.00459	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 09:36	
2-Methylnaphthalene	"	ND	0.000835	0.00459	"	"	"	"	"	
Acenaphthene	"	ND	0.000835	0.00459	"	"	"	"	"	
Acenaphthylene	"	ND	0.000835	0.00459	"	"	"	"	"	
Anthracene	"	0.00446	0.000835	0.00459	"	"	"	"	"	J
Benzo (a) anthracene	"	ND	0.000835	0.00459	"	"	"	"	"	
Benzo (a) pyrene	"	ND	0.000835	0.00459	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00167	0.00459	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	0.00251	0.00459	"	"	"	"	"	

TestAmerica Spokane

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-12 (G-BH4-15-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 10:15</b>						
Benzo (k) fluoranthene	"	ND	0.000835	0.00459	"	"	"	"	"	
Chrysene	"	ND	0.000835	0.00459	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	0.00167	0.00459	"	"	"	"	"	
Fluoranthene	"	ND	0.000835	0.00459	"	"	"	"	"	
Fluorene	"	ND	0.000835	0.00459	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00251	0.00459	"	"	"	"	"	
Naphthalene	"	ND	0.00167	0.00459	"	"	"	"	"	
<b>Phenanthrene</b>	"	<b>0.00501</b>	0.000835	0.00459	"	"	"	"	"	
<b>Pyrene</b>	"	<b>0.00334</b>	0.000835	0.00459	"	"	"	"	"	<b>J</b>
<i>Surrogate(s): Nitrobenzene-d5</i>		58.8%			38.8 - 139 %	"			"	
<i>2-FBP</i>		57.0%			40 - 132 %	"			"	
<i>p-Terphenyl-d14</i>		70.4%			31.7 - 179 %	"			"	

<b>SSH0166-13 (G-BH5-Surf-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 12:40</b>							<b>RL3</b>
1-Methylnaphthalene	EPA 8270 mod.	ND	0.00143	0.00999	mg/kg dry	2x	9080204	08/31/09 13:00	09/01/09 12:50		
2-Methylnaphthalene	"	ND	0.00143	0.00999	"	"	"	"	"		
Acenaphthene	"	ND	0.00143	0.00999	"	"	"	"	"		
Acenaphthylene	"	ND	0.00143	0.00999	"	"	"	"	"		
Anthracene	"	ND	0.00143	0.00999	"	"	"	"	"		
<b>Benzo (a) anthracene</b>	"	<b>0.00571</b>	0.00143	0.00999	"	"	"	"	"		<b>J</b>
<b>Benzo (a) pyrene</b>	"	<b>0.0133</b>	0.00143	0.00999	"	"	"	"	"		
<b>Benzo (b) fluoranthene</b>	"	<b>0.0257</b>	0.00286	0.00999	"	"	"	"	"		
<b>Benzo (ghi) perylene</b>	"	<b>0.0200</b>	0.00428	0.00999	"	"	"	"	"		
Benzo (k) fluoranthene	"	ND	0.00143	0.00999	"	"	"	"	"		
<b>Chrysene</b>	"	<b>0.0114</b>	0.00143	0.00999	"	"	"	"	"		
<b>Dibenzo (a,h) anthracene</b>	"	<b>0.00571</b>	0.00286	0.00999	"	"	"	"	"		<b>J</b>
<b>Fluoranthene</b>	"	<b>0.00857</b>	0.00143	0.00999	"	"	"	"	"		<b>J</b>
Fluorene	"	ND	0.00143	0.00999	"	"	"	"	"		
<b>Indeno (1,2,3-cd) pyrene</b>	"	<b>0.0124</b>	0.00428	0.00999	"	"	"	"	"		
Naphthalene	"	ND	0.00286	0.00999	"	"	"	"	"		
<b>Phenanthrene</b>	"	<b>0.00476</b>	0.00143	0.00999	"	"	"	"	"		<b>J</b>
<b>Pyrene</b>	"	<b>0.0238</b>	0.00143	0.00999	"	"	"	"	"		
<i>Surrogate(s): Nitrobenzene-d5</i>		65.6%			38.8 - 139 %	"			"		
<i>2-FBP</i>		61.2%			40 - 132 %	"			"		
<i>p-Terphenyl-d14</i>		178%			31.7 - 179 %	"			"		

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-14 (G-BH5-7.5-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 13:20</b>						
1-Methylnaphthalene	EPA 8270 mod.	<b>4.04</b>	0.00756	0.0529	mg/kg dry	10x	9080204	08/31/09 13:00	09/01/09 16:54	
2-Methylnaphthalene	"	<b>5.21</b>	0.00756	0.0529	"	"	"	"	"	
Acenaphthene	"	<b>0.347</b>	0.00151	0.0106	"	2x	"	"	09/01/09 14:37	<b>102</b>
Acenaphthylene	"	ND	0.00151	0.0106	"	"	"	"	"	<b>102</b>
Anthracene	"	<b>0.315</b>	0.00151	0.0106	"	"	"	"	"	<b>102</b>
Benzo (a) anthracene	"	<b>0.0413</b>	0.00151	0.0106	"	"	"	"	"	
Benzo (a) pyrene	"	<b>0.0171</b>	0.00151	0.0106	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	0.00302	0.0106	"	"	"	"	"	
Benzo (ghi) perylene	"	<b>0.0151</b>	0.00454	0.0106	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.00151	0.0106	"	"	"	"	"	
Chrysene	"	<b>0.0816</b>	0.00151	0.0106	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	<b>0.00705</b>	0.00302	0.0106	"	"	"	"	"	<b>J</b>
Fluoranthene	"	<b>0.0826</b>	0.00151	0.0106	"	"	"	"	"	<b>102</b>
Fluorene	"	<b>0.545</b>	0.00151	0.0106	"	"	"	"	"	<b>102</b>
Indeno (1,2,3-cd) pyrene	"	<b>0.00806</b>	0.00454	0.0106	"	"	"	"	"	<b>J</b>
Naphthalene	"	<b>0.504</b>	0.00302	0.0106	"	"	"	"	"	
Phenanthrene	"	<b>0.802</b>	0.00151	0.0106	"	"	"	"	"	<b>102</b>
Pyrene	"	<b>0.494</b>	0.00151	0.0106	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			107%		38.8 - 139 %	"			"	
2-FBP			44.8%		40 - 132 %	"			"	<b>102</b>
p-Terphenyl-d14			223%		31.7 - 179 %	"			"	<b>ZX</b>

**SSH0166-15 (G-BH5-15-082709)**

<b>SSH0166-15 (G-BH5-15-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 13:45</b>						
1-Methylnaphthalene	EPA 8270 mod.	<b>0.0769</b>	0.000812	0.00487	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 13:12	
2-Methylnaphthalene	"	<b>0.0628</b>	0.000812	0.00487	"	"	"	"	"	
Acenaphthene	"	<b>0.0271</b>	0.000812	0.00487	"	"	"	"	"	
Acenaphthylene	"	ND	0.000812	0.00487	"	"	"	"	"	
Anthracene	"	<b>0.0173</b>	0.000812	0.00487	"	"	"	"	"	
Benzo (a) anthracene	"	<b>0.00595</b>	0.000812	0.00487	"	"	"	"	"	
Benzo (a) pyrene	"	<b>0.00271</b>	0.000812	0.00487	"	"	"	"	"	<b>J</b>
Benzo (b) fluoranthene	"	ND	0.00162	0.00487	"	"	"	"	"	
Benzo (ghi) perylene	"	<b>0.00487</b>	0.00244	0.00487	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	0.000812	0.00487	"	"	"	"	"	
Chrysene	"	<b>0.0146</b>	0.000812	0.00487	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	<b>0.00217</b>	0.00162	0.00487	"	"	"	"	"	<b>J</b>
Fluoranthene	"	<b>0.0146</b>	0.000812	0.00487	"	"	"	"	"	
Fluorene	"	<b>0.0401</b>	0.000812	0.00487	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	<b>0.00325</b>	0.00244	0.00487	"	"	"	"	"	<b>J</b>
Naphthalene	"	<b>0.0541</b>	0.00162	0.00487	"	"	"	"	"	

TestAmerica Spokane

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**  
TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
SSH0166-15 (G-BH5-15-082709)		Soil		Sampled: 08/27/09 13:45						
Phenanthrene	EPA 8270 mod.	0.0487	0.000812	0.00487	mg/kg dry	1x	9080204	08/31/09 13:00	09/01/09 13:12	
Pyrene	"	0.0514	0.000812	0.00487	"	"	"	"	"	
Surrogate(s): Nitrobenzene-d5			19.8%		38.8 - 139 %	"			"	Z
2-FBP			25.6%		40 - 132 %	"			"	Z
p-Terphenyl-d14			75.2%		31.7 - 179 %	"			"	

TestAmerica Spokane



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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

## Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-01 (G-BH1-Surf-082809)</b>		<b>Soil</b>						<b>Sampled: 08/28/09 11:35</b>		
% Solids	TA SOP	97.3	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-02 (G-BH1-7.5-082809)</b>		<b>Soil</b>						<b>Sampled: 08/28/09 12:10</b>		
% Solids	TA SOP	88.4	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-03 (G-BH1-16-082809)</b>		<b>Soil</b>						<b>Sampled: 08/28/09 12:30</b>		
% Solids	TA SOP	68.5	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-04 (G-BH2-7.5-082809)</b>		<b>Soil</b>						<b>Sampled: 08/28/09 09:50</b>		
% Solids	TA SOP	86.8	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-05 (G-BH2-Surf-082809)</b>		<b>Soil</b>						<b>Sampled: 08/28/09 09:15</b>		
% Solids	TA SOP	91.1	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-06 (G-BH2-15-082809)</b>		<b>Soil</b>						<b>Sampled: 08/28/09 10:10</b>		
% Solids	TA SOP	73.1	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-07 (G-BH3-Surf-082709)</b>		<b>Soil</b>						<b>Sampled: 08/27/09 16:10</b>		
% Solids	TA SOP	94.3	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-08 (G-BH3-7.5-082709)</b>		<b>Soil</b>						<b>Sampled: 08/27/09 16:45</b>		
% Solids	TA SOP	89.4	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-09 (G-BH3-15-082709)</b>		<b>Soil</b>						<b>Sampled: 08/27/09 17:15</b>		
% Solids	TA SOP	77.0	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-10 (G-BH4-Surf-082709)</b>		<b>Soil</b>						<b>Sampled: 08/27/09 09:50</b>		
% Solids	TA SOP	93.3	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-11 (G-BH4-7.5-082709)</b>		<b>Soil</b>						<b>Sampled: 08/27/09 10:20</b>		

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

## Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica Spokane

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SSH0166-11 (G-BH4-7.5-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 10:20</b>						
% Solids	TA SOP	92.5	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-12 (G-BH4-15-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 10:15</b>						
% Solids	TA SOP	79.8	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-13 (G-BH5-Surf-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 12:40</b>						
% Solids	TA SOP	93.4	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-14 (G-BH5-7.5-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 13:20</b>						
% Solids	TA SOP	88.2	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	
<b>SSH0166-15 (G-BH5-15-082709)</b>		<b>Soil</b>		<b>Sampled: 08/27/09 13:45</b>						
% Solids	TA SOP	82.1	----	0.0100	% by Weight	1x	9090003	08/31/09 15:45	09/01/09 10:39	

TestAmerica Spokane



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Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Semivolatile Petroleum Products by NWTPH-Dx - Laboratory Quality Control Results**

TestAmerica Spokane

**QC Batch: 9090006**

**Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9090006-BLK1)							Extracted: 09/01/09 13:16							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	09/11/09 19:36	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		Recovery:	94.3%	Limits: 50-150%		"	09/11/09 19:36							
p-Terphenyl-d14			119%	50-150%		"	"							
LCS (9090006-BS1)							Extracted: 09/01/09 13:16							
Diesel Range Hydrocarbons	NWTPH-Dx	68.2	---	10.0	mg/kg wet	1x	--	83.3	81.8%	(73-133)	--	--	09/11/09 19:59	
Surrogate(s): 2-FBP		Recovery:	106%	Limits: 50-150%		"	09/11/09 19:59							
p-Terphenyl-d14			118%	50-150%		"	"							
Duplicate (9090006-DUP1)				QC Source: SSH0166-12				Extracted: 09/01/09 13:16						
Diesel Range Hydrocarbons	NWTPH-Dx	18.1	---	12.5	mg/kg dry	1x	19.2	--	--	--	5.64%	(40)	09/16/09 20:13	
Heavy Oil Range Hydrocarbons	"	ND	---	31.3	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 2-FBP		Recovery:	95.9%	Limits: 50-150%		"	09/16/09 20:13							
p-Terphenyl-d14			115%	50-150%		"	"							
Matrix Spike (9090006-MS1)				QC Source: SSH0166-12				Extracted: 09/01/09 13:16						
Diesel Range Hydrocarbons	NWTPH-Dx	99.5	---	12.5	mg/kg dry	1x	19.2	104	76.9%	(70.1-139)	--	--	09/16/09 20:36	
Surrogate(s): 2-FBP		Recovery:	97.7%	Limits: 50-150%		"	09/16/09 20:36							
p-Terphenyl-d14			109%	50-150%		"	"							

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Semivolatile Petroleum Products by NWTPH-Dx - Laboratory Quality Control Results**

TestAmerica Spokane

**QC Batch: 9090170**

**Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9090170-BLK1)							Extracted: 09/25/09 14:05							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	09/28/09 11:04	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		Recovery:	118%	Limits: 50-150%		"								09/28/09 11:04
p-Terphenyl-d14			138%	50-150%		"								"
LCS (9090170-BS1)							Extracted: 09/25/09 14:05							
Diesel Range Hydrocarbons	NWTPH-Dx	80.0	---	10.0	mg/kg wet	1x	--	83.3	96.0%	(73-133)	--	--	09/28/09 11:28	
Surrogate(s): 2-FBP		Recovery:	114%	Limits: 50-150%		"								09/28/09 11:28
p-Terphenyl-d14			138%	50-150%		"								"
Duplicate (9090170-DUP1)				QC Source: SSI0135-01				Extracted: 09/25/09 14:05						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.9	mg/kg dry	1x	ND	--	--	--	NR	(40)	09/28/09 12:40	
Heavy Oil Range Hydrocarbons	"	ND	---	27.3	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 2-FBP		Recovery:	120%	Limits: 50-150%		"								09/28/09 12:40
p-Terphenyl-d14			143%	50-150%		"								"
Matrix Spike (9090170-MS1)				QC Source: SSI0135-01				Extracted: 09/25/09 14:05						
Diesel Range Hydrocarbons	NWTPH-Dx	93.8	---	10.9	mg/kg dry	1x	ND	91.1	103%	(70.1-139)	--	--	09/28/09 13:04	
Surrogate(s): 2-FBP		Recovery:	122%	Limits: 50-150%		"								09/28/09 13:04
p-Terphenyl-d14			146%	50-150%		"								"

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results**

TestAmerica Spokane

QC Batch: 9090048

Soil Preparation Method: EPA 3550B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9090048-BLK1)										Extracted: 09/09/09 09:20				
PCB-1016	EPA 8082	ND	---	10.0	ug/kg wet	1x	--	--	--	--	--	--	09/11/09 20:50	
PCB-1221	"	ND	---	10.0	"	"	--	--	--	--	--	--	09/11/09 20:05	
PCB-1232	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1242	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1248	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1254	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1260	"	ND	---	10.0	"	"	--	--	--	--	--	--	09/11/09 20:28	
Surrogate(s): TCX		Recovery:	85.9%	Limits: 27.9-154%		"						09/11/09 20:28		
Decachlorobiphenyl			90.4%	35-157%		"						"		
Blank (9090048-BLK2)										Extracted: 09/09/09 09:20				
PCB-1016	EPA 8082	ND	---	10.0	ug/kg wet	1x	--	--	--	--	--	--	09/11/09 20:50	
PCB-1221	"	ND	---	10.0	"	"	--	--	--	--	--	--	09/11/09 20:28	
PCB-1232	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1242	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1248	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1254	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
PCB-1260	"	ND	---	10.0	"	"	--	--	--	--	--	--	09/11/09 20:50	
Surrogate(s): TCX		Recovery:	54.4%	Limits: 27.9-154%		"						09/11/09 20:50		
Decachlorobiphenyl			60.6%	35-157%		"						"		
LCS (9090048-BS1)										Extracted: 09/09/09 09:20				
PCB-1016	EPA 8082	160	---	10.0	ug/kg wet	1x	--	167	95.9%	(63.1-147)	--	--	09/11/09 21:13	
PCB-1260	"	171	---	10.0	"	"	--	"	103%	(74.4-130)	--	--	"	
Surrogate(s): TCX		Recovery:	88.3%	Limits: 27.9-154%		"						09/11/09 21:13		
Decachlorobiphenyl			99.8%	35-157%		"						"		
LCS (9090048-BS2)										Extracted: 09/09/09 09:20				
PCB-1016	EPA 8082	110	---	10.0	ug/kg wet	1x	--	167	65.9%	(63.1-147)	--	--	09/11/09 21:36	
PCB-1260	"	127	---	10.0	"	"	--	"	76.4%	(74.4-130)	--	--	"	
Surrogate(s): TCX		Recovery:	65.7%	Limits: 27.9-154%		"						09/11/09 21:36		
Decachlorobiphenyl			79.5%	35-157%		"						"		

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results**

TestAmerica Spokane

QC Batch: 9090048

Soil Preparation Method: EPA 3550B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Matrix Spike (9090048-MS1)</b>			QC Source: SSH0168-05					Extracted: 09/09/09 09:20						
PCB-1016	EPA 8082	92.8	---	12.9	ug/kg dry	1x	ND	216	43.0%	(50.6-145)	--	--	09/16/09 14:01	M8
PCB-1260	"	90.6	---	12.9	"	"	ND	"	42.0%	(57.6-120)	--	--	"	M8
Surrogate(s): TCX		Recovery:	81.0%	Limits:	27.9-154%	"	09/16/09 14:01							
Decachlorobiphenyl			70.1%		35-157%	"	"							
<b>Matrix Spike (9090048-MS2)</b>			QC Source: SSH0168-05					Extracted: 09/09/09 09:20						
PCB-1016	EPA 8082	91.6	---	12.9	ug/kg dry	1x	ND	216	42.5%	(50.6-145)	--	--	09/16/09 14:24	M8
PCB-1260	"	100	---	12.9	"	"	ND	"	46.5%	(57.6-120)	--	--	"	M8
Surrogate(s): TCX		Recovery:	57.7%	Limits:	27.9-154%	"	09/16/09 14:24							
Decachlorobiphenyl			57.4%		35-157%	"	"							
<b>Matrix Spike Dup (9090048-MSD1)</b>			QC Source: SSH0168-05					Extracted: 09/09/09 09:20						
PCB-1016	EPA 8082	88.7	---	12.9	ug/kg dry	1x	ND	216	41.1%	(50.6-145)	4.56% (40)		09/16/09 14:46	M8
PCB-1260	"	83.9	---	12.9	"	"	ND	"	38.9%	(57.6-120)	7.71% (27.4)		"	M8
Surrogate(s): TCX		Recovery:	75.5%	Limits:	27.9-154%	"	09/16/09 14:46							
Decachlorobiphenyl			66.5%		35-157%	"	"							
<b>Matrix Spike Dup (9090048-MSD2)</b>			QC Source: SSH0168-05					Extracted: 09/09/09 09:20						
PCB-1016	EPA 8082	74.0	---	12.9	ug/kg dry	1x	ND	216	34.3%	(50.6-145)	21.2% (40)		09/16/09 15:09	M8
PCB-1260	"	77.0	---	12.9	"	"	ND	"	35.7%	(57.6-120)	26.4% (27.4)		"	M8
Surrogate(s): TCX		Recovery:	72.2%	Limits:	27.9-154%	"	09/16/09 15:09							
Decachlorobiphenyl			66.7%		35-157%	"	"							

TestAmerica Spokane



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Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results**

TestAmerica Spokane

QC Batch: 9080204

Soil Preparation Method: EPA 3550B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (9080204-BLK1)								Extracted: 08/31/09 13:00						
1-Methylnaphthalene	EPA 8270 mod.	ND	0.000667	0.00467	mg/kg wet	1x	--	--	--	--	--	--	08/31/09 18:30	
2-Methylnaphthalene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Acenaphthene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	0.00178	0.000667	0.00467	"	"	--	--	--	--	--	--	"	J
Benzo (a) pyrene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	0.00311	0.00133	0.00467	"	"	--	--	--	--	--	--	"	J
Benzo (ghi) perylene	"	ND	0.00200	0.00467	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	0.00311	0.000667	0.00467	"	"	--	--	--	--	--	--	"	J
Chrysene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	0.00133	0.00467	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00200	0.00467	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.00133	0.00467	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.000667	0.00467	"	"	--	--	--	--	--	--	"	
Surrogate(s): Nitrobenzene-d5		Recovery:	63.4%	Limits: 38.8-139%		"								08/31/09 18:30
2-FBP			75.8%	40-132%		"								"
p-Terphenyl-d14			125%	31.7-179%		"								"

**LCS (9080204-BS1)**

Extracted: 08/31/09 13:00

Chrysene	EPA 8270 mod.	0.338	0.000667	0.00667	mg/kg wet	1x	--	0.444	76.1%	(47.8-120)	--	--	08/31/09 18:51
Fluorene	"	0.316	0.000667	0.00667	"	"	--	"	71.0%	(50.9-120)	--	--	"
Indeno (1,2,3-cd) pyrene	"	0.410	0.00200	0.00667	"	"	--	"	92.3%	(39.5-120)	--	--	"
Naphthalene	"	0.288	0.00133	0.00667	"	"	--	"	64.7%	(39.2-120)	--	--	"
<hr/>													
Surrogate(s): Nitrobenzene-d5		Recovery:	59.8%	Limits:	38.8-139%	"							08/31/09 18:51
2-FBP			61.2%		40-132%	"							"
p-Terphenyl-d14			84.8%		31.7-179%	"							"

TestAmerica Spokane

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Randee Decker, Project Manager



**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results**

TestAmerica Spokane

**QC Batch: 9080204**

**Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

**Matrix Spike (9080204-MS1)**

QC Source: SSH0166-01

Extracted: 08/31/09 13:00

Chrysene	EPA 8270 mod.	0.298	0.000685	0.00685	mg/kg dry	1x	ND	0.457	65.2%	(31.6-132)	--	--	08/31/09 19:56	
Fluorene	"	0.325	0.000685	0.00685	"	"	ND	"	71.1%	(43.4-123)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	0.374	0.00206	0.00685	"	"	ND	"	81.9%	(28.3-147)	--	--	"	
Naphthalene	"	0.302	0.00137	0.00685	"	"	ND	"	66.2%	(30.9-120)	--	--	"	
<i>Surrogate(s): Nitrobenzene-d5</i>														
		<i>Recovery:</i>	63.4%	<i>Limits:</i> 38.8-139%		"								
		2-FBP	64.0%	40-132%		"								
		p-Terphenyl-d14	75.2%	31.7-179%		"								


**Matrix Spike Dup (9080204-MSD1)**

QC Source: SSH0166-01

Extracted: 08/31/09 13:00

Chrysene	EPA 8270 mod.	0.346	0.000685	0.00685	mg/kg dry	1x	ND	0.457	75.8%	(31.6-132)	15.0% (30.2)	08/31/09 20:17
Fluorene	"	0.365	0.000685	0.00685	"	"	ND	"	79.9%	(43.4-123)	11.7% (36)	"
Indeno (1,2,3-cd) pyrene	"	0.359	0.00206	0.00685	"	"	ND	"	78.7%	(28.3-147)	3.99% (32.7)	"
Naphthalene	"	0.327	0.00137	0.00685	"	"	ND	"	71.5%	(30.9-120)	7.70% (35.6)	"
<hr/>												
Surrogate(s):	Nitrobenzene-d5	Recovery:	66.6%	Limits:	38.8-139%	"	08/31/09 20:17					
	2-FBP		76.0%		40-132%	"	"					
	p-Terphenyl-d14		88.8%		31.7-179%	"	"					

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

**Conventional Chemistry Parameters by APHA/EPA Methods - Laboratory Quality Control Results**  
TestAmerica Spokane

QC Batch: 9090003

Soil Preparation Method: Wet Chem

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Duplicate (9090003-DUP1)</b>			QC Source: SSH0168-03					Extracted: 08/31/09 15:45						
% Solids	TA SOP	92.2	---	0.0100	% by Weight	1x	92.8	--	--	--	0.649%	(5)	09/01/09 10:39	

TestAmerica Spokane



Randee Decker, Project Manager

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**Golder Associates, Inc.**

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**

Project Number: 073-93312-03

Project Manager: Doug Morell

Report Created:

01/11/10 11:25

## CERTIFICATION SUMMARY

### Subcontracted Laboratories

TestAmerica Tacoma

5755 8th Street East - Tacoma, WA 98424

Analysis Performed: 8260B-Volatiles 5035 Low Level

Samples: SSH0166-01, SSH0166-02, SSH0166-03, SSH0166-04, SSH0166-05, SSH0166-06, SSH0166-07,  
SSH0166-08, SSH0166-09, SSH0166-10, SSH0166-11, SSH0166-12, SSH0166-13, SSH0166-14,  
SSH0166-15

*Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at [www.TestAmericaInc.com](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

TestAmerica Spokane



Randee Decker, Project Manager

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## Golder Associates, Inc.

18300 NE Union Hill Rd. Suite 200  
Redmond, WA 98077

Project Name: **Avery Landing**  
Project Number: 073-93312-03  
Project Manager: Doug Morell

Report Created:  
01/11/10 11:25

## Notes and Definitions

### Report Specific Notes:

- A-01 - Internal Standard recovery was above method limits due to sample matrix effects.
- A-01a - Internal Standard recovery was below method limits due to sample matrix effects.
- I - Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- I02 - Internal Standard recovery was above method limits. Matrix interference was confirmed by reanalysis. A low bias to the analyte result is indicated.
- J - Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
- M8 - The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
- N1 - See case narrative.
- RL3 - Reporting limit raised due to high concentrations of non-target analytes.
- Z - Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- ZX - Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

### Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL\* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. \*MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Spokane



Randee Decker, Project Manager

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-4824  
11922 E. First Ave, Spokane, WA 99206-5302  
9405 SW Nimbus Ave, Beaverton, OR 97008-7145  
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210  
509-924-9200 FAX 924-9290  
503-906-9200 FAX 906-9210  
907-563-9200 FAX 563-9210

## CHAIN OF CUSTODY REPORT

Work Order #: **SSHC0146**  
TURNAROUND REQUEST

CLIENT: **Golder Assoc. INC**  
REPORT TO: **Douglas Murrell**  
ADDRESS: **18300 NE Union Hill Rd, Suite 200**  
**Redmond WA 98072**  
PHONE: **425-883-0777** FAX:

INVOICE TO: **Same**

PROJECT NAME: **Avery Landing**

PO. NUMBER:

PROJECT NUMBER:

PRESERVATIVE

REQUESTED ANALYSES

OTHER Specify:

Organic & Inorganic Analyses  
in Business Days \*  
10 7 5 4 3 2 1 <1  
STD. 4 3 2 1 <1  
Petrochemical Hydrocarbon Analyses

\* Turnaround Request less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	EPA 8270 C SIM	NWTPH DX	EPA 8082	EPA 8260 B	EPA 6010 C / 6020 A	EPA 7471 B	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1G-BH1-Surf-082809	082809/11:35	X	X	X							-01
1G-BH1-7.5-082809	082809/12:10	X	X	X							-02
2G-BH1-18-082809	082809/12:30	X	X	X							-03
3G-BH2-7.5-082809	082809/9:50	X	X	X							-04
4G-BH2-Surf-082809	082809/9:55	X	X	X							-05
5G-BH2-15-082809	082809/10:10	X	X	X							-06
6G-BH3-Surf-082709	082709/4:10	X	X	X							-07
6G-BH3-7.5-082709	082709/4:45	X	X	X							-08
6G-BH3-15-082709	082709/5:15	X	X	X							-09
6G-BH4-Surf-950	082709/9:50	X	X	X							-10

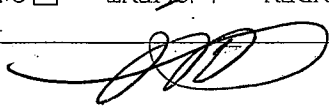
RELEASED BY: **Same** DATE: **082809**  
PRINT NAME: **Same** FIRM: **CAI** TIME: **9:05**  
RECEIVED BY: **Chris Williams** DATE: **8/28/09**  
PRINT NAME: **Chris Williams** FIRM: **TA Systems** TIME: **9:05**  
ADDITIONAL REMARKS: **EPA 8270C inci naphthalene, 1-methylnaphthalene, 2-methylnaphthalene**  
**PATs all SIM**



Test America Cooler Receipt Form

WORK ORDER # SSH066 CLIENT: Colder PROJECT: Avery  
Date /Time Cooler Arrived 8/29/09 9:05 Cooler signed for by: C. Hansen (Print name)

Preliminary Examination Phase:

Date cooler opened: ☐ same as date received or 8/31/09  
Cooler opened by (print) C. Hansen (sign)   
1. Delivered by ☐ ALASKA AIRLINES ☐ Fed-Ex ☐ UPS ☐ NAC ☐ LYNDEN ☒ CLIENT ☐ Other: \_\_\_\_\_  
Shipment Tracking # if applicable \_\_\_\_\_  
Signed by \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
2. Number of Custody Seals 4

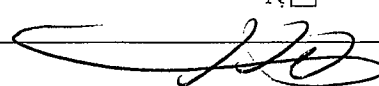
Were custody seals unbroken and intact on arrival? ☒ Yes ☐ No  
3. Were custody papers sealed in a plastic bag? ☒ Yes ☐ No  
4. Were custody papers filled out properly (ink, signed, etc.)? ☒ Yes ☐ No  
5. Did you sign the custody papers in the appropriate place? ☒ Yes ☐ No

6. Was ice used? ☒ Yes ☐ No Type of ice: ☐ blue ice ☐ gel ice ☒ real ice ☐ dry ice Condition of Ice: Frozen  
Temperature by IR Gun 5.4 °C Thermometer Serial # 81500  
Acceptance Criteria: 0 - 6°C

7. Packing in Cooler: ☒ bubble wrap ☐ styrofoam ☐ cardboard ☐ Other: \_\_\_\_\_

8. Did samples arrive in plastic bags? ☒ Yes ☐ No  
9. Did all bottles arrive unbroken, and with labels in good condition? ☒ Yes ☐ No  
10. Are all bottle labels complete (ID, date, time, etc.) ☒ Yes ☐ No  
11. Do bottle labels and Chain of Custody agree? ☒ Yes ☐ No  
12. Are the containers and preservatives correct for the tests indicated? ☒ Yes ☐ No  
13. Is there adequate volume for the tests requested? ☒ Yes ☐ No  
14. Were VOA vials free of bubbles? ☒ N/A ☐ Yes ☐ No  
If "No" which containers contained "head space" or bubbles? \_\_\_\_\_

Log-in Phase:

Date of sample log-in 8/31/09  
Samples logged in by (print) C. Hansen (sign)   
1. Was project identifiable from custody papers? ☒ Yes ☐ No  
2. Do Turn Around Times and Due Dates agree? ☒ Yes ☐ No  
3. Was the Project Manager notified of status? ☒ Yes ☐ No  
4. Was the Lab notified of status? ☒ Yes ☐ No  
5. Was the COC scanned and copied? ☒ Yes ☐ No